

01-17-02

A

Please type a plus sign (+) inside this box

PTO/SB/05 (03-01)

CERTIFICATE OF MAILING OR TRANSMISSION

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as Express Mail (label number EL588674771US) in an envelope addressed to: Commissioner For Patents, Box PATENT APPLICATION, Washington, DC 20231 on January 14, 2002 under the provisions of 37 CFR §1.10.

Mailing Name (Print/Type)

Katrina Holland

Signature

Katrina Holland

Date

January 14, 2002

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new non-provisional applications under 37 CFR 1.53(b))

Attorney Docket No.

4058-122

First Inventor

DALTON, Martin Walter

Title

REMOTE SHUT-OFF VALVE

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:

Commissioner for Patents
Box PATENT APPLICATION
Washington, DC 20231

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☒ Applicant claims small entity status.
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 19]
(preferred arrangement set forth below)
- Descriptive Title of the Invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 3]
5. Oath or Declaration [Total Sheets]
- a. ☒ Newly executed (original or copy)
- b. ☐ Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 18 completed)
- i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)

- a. ☐ Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies); or
- ii. ☐ paper
- c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☐ Power of Attorney
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☐ Other:

18 If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No.:

Prior application information:

Examiner

Group Art Unit:

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS


☐ Customer Number or Bar Code Label

(Insert Customer No. or Attach bar code label here)

or

☐ Correspondence address below

Name	Intellectual Property/Technology Law				
Address	P.O. Box 14329				
City	Research Triangle Park	State	NC	Zip Code	27709
Country	USA	Telephone	(919) 419-9350	Fax	(919) 419-9354

Name (Print/type)	Steven J. Hultquist	Registration No. (Attorney/Agent)	28,021
Signature		Date	January 14, 2002

01/14/02

 PTO
 10/047768
 01/14/02

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

FEE TRANSMITTAL for FY 2001 <i>Patent fees are subject to annual revision.</i>		Complete if Known	
		Application Number	
		Filing Date	January 14, 2002
		First Named Inventor	DALTON, Martin Walter
		Examiner Name	
		Group Art Unit	
TOTAL AMOUNT OF PAYMENT		(\$)	370.00
		Attorney Docket No.	4058-122

METHOD OF PAYMENT		FEE CALCULATION (continued)																																																																																																																																																		
1.	<input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge (deficiencies only) in indicated fees and credit any overpayments to: Deposit Account Number: 08-3284 Deposit Account Name: Intellectual Property/Technology Law <input type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27	3. ADDITIONAL FEES <table border="1"> <thead> <tr> <th>Fee Code</th> <th>Large Entity Fee (\$)</th> <th>Small Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge - late filing fee or oath</td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing a request for <i>ex parte</i> reexamination</td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td></tr> <tr><td>113</td><td>1,840*</td><td>113</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for reply within first month</td></tr> <tr><td>116</td><td>390</td><td>216</td><td>195</td><td>Extension for reply within second month</td></tr> <tr><td>117</td><td>890</td><td>217</td><td>445</td><td>Extension for reply within third month</td></tr> <tr><td>118</td><td>1,390</td><td>218</td><td>695</td><td>Extension for reply within fourth month</td></tr> <tr><td>128</td><td>1,890</td><td>228</td><td>945</td><td>Extension for reply within fifth month</td></tr> <tr><td>119</td><td>310</td><td>219</td><td>155</td><td>Notice of Appeal</td></tr> <tr><td>120</td><td>310</td><td>220</td><td>155</td><td>Filing a brief in support of an appeal</td></tr> <tr><td>121</td><td>270</td><td>221</td><td>135</td><td>Request for oral hearing</td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive - unavoidable</td></tr> <tr><td>141</td><td>1,240</td><td>241</td><td>620</td><td>Petition to revive - unintentional</td></tr> <tr><td>142</td><td>1,240</td><td>242</td><td>620</td><td>Utility issue fee (or reissue)</td></tr> <tr><td>143</td><td>440</td><td>243</td><td>220</td><td>Design issue fee</td></tr> <tr><td>144</td><td>600</td><td>244</td><td>300</td><td>Plant issue fee</td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130</td><td>Petitions to the Commissioner</td></tr> <tr><td>123</td><td>50</td><td>123</td><td>50</td><td>Processing fee under 37 CFR 1.17(q)</td></tr> <tr><td>126</td><td>180</td><td>126</td><td>180</td><td>Submission of Information Disclosure Stmt</td></tr> <tr><td>581</td><td>40</td><td>581</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td></tr> <tr><td>146</td><td>710</td><td>246</td><td>355</td><td>Filing a submission after final rejection (37 CFR § 1.129(a))</td></tr> <tr><td>149</td><td>710</td><td>249</td><td>355</td><td>For each additional invention to be examined (37 CFR § 1.129(b))</td></tr> <tr><td>179</td><td>710</td><td>279</td><td>355</td><td>Request for Continued Examination (RCE)</td></tr> <tr><td>169</td><td>900</td><td>169</td><td>900</td><td>Request for expedited examination of a design application</td></tr> </tbody> </table>		Fee Code	Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	Fee Paid	105	130	205	65	Surcharge - late filing fee or oath	127	50	227	25	Surcharge - late provisional filing fee or cover sheet	139	130	139	130	Non-English specification	147	2,520	147	2,520	For filing a request for <i>ex parte</i> reexamination	112	920*	112	920*	Requesting publication of SIR prior to Examiner action	113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	115	110	215	55	Extension for reply within first month	116	390	216	195	Extension for reply within second month	117	890	217	445	Extension for reply within third month	118	1,390	218	695	Extension for reply within fourth month	128	1,890	228	945	Extension for reply within fifth month	119	310	219	155	Notice of Appeal	120	310	220	155	Filing a brief in support of an appeal	121	270	221	135	Request for oral hearing	138	1,510	138	1,510	Petition to institute a public use proceeding	140	110	240	55	Petition to revive - unavoidable	141	1,240	241	620	Petition to revive - unintentional	142	1,240	242	620	Utility issue fee (or reissue)	143	440	243	220	Design issue fee	144	600	244	300	Plant issue fee	122	130	122	130	Petitions to the Commissioner	123	50	123	50	Processing fee under 37 CFR 1.17(q)	126	180	126	180	Submission of Information Disclosure Stmt	581	40	581	40	Recording each patent assignment per property (times number of properties)	146	710	246	355	Filing a submission after final rejection (37 CFR § 1.129(a))	149	710	249	355	For each additional invention to be examined (37 CFR § 1.129(b))	179	710	279	355	Request for Continued Examination (RCE)	169	900	169	900	Request for expedited examination of a design application
Fee Code	Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																																
105	130	205	65	Surcharge - late filing fee or oath																																																																																																																																																
127	50	227	25	Surcharge - late provisional filing fee or cover sheet																																																																																																																																																
139	130	139	130	Non-English specification																																																																																																																																																
147	2,520	147	2,520	For filing a request for <i>ex parte</i> reexamination																																																																																																																																																
112	920*	112	920*	Requesting publication of SIR prior to Examiner action																																																																																																																																																
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action																																																																																																																																																
115	110	215	55	Extension for reply within first month																																																																																																																																																
116	390	216	195	Extension for reply within second month																																																																																																																																																
117	890	217	445	Extension for reply within third month																																																																																																																																																
118	1,390	218	695	Extension for reply within fourth month																																																																																																																																																
128	1,890	228	945	Extension for reply within fifth month																																																																																																																																																
119	310	219	155	Notice of Appeal																																																																																																																																																
120	310	220	155	Filing a brief in support of an appeal																																																																																																																																																
121	270	221	135	Request for oral hearing																																																																																																																																																
138	1,510	138	1,510	Petition to institute a public use proceeding																																																																																																																																																
140	110	240	55	Petition to revive - unavoidable																																																																																																																																																
141	1,240	241	620	Petition to revive - unintentional																																																																																																																																																
142	1,240	242	620	Utility issue fee (or reissue)																																																																																																																																																
143	440	243	220	Design issue fee																																																																																																																																																
144	600	244	300	Plant issue fee																																																																																																																																																
122	130	122	130	Petitions to the Commissioner																																																																																																																																																
123	50	123	50	Processing fee under 37 CFR 1.17(q)																																																																																																																																																
126	180	126	180	Submission of Information Disclosure Stmt																																																																																																																																																
581	40	581	40	Recording each patent assignment per property (times number of properties)																																																																																																																																																
146	710	246	355	Filing a submission after final rejection (37 CFR § 1.129(a))																																																																																																																																																
149	710	249	355	For each additional invention to be examined (37 CFR § 1.129(b))																																																																																																																																																
179	710	279	355	Request for Continued Examination (RCE)																																																																																																																																																
169	900	169	900	Request for expedited examination of a design application																																																																																																																																																
2. EXTRA CLAIM FEES <table border="1"> <thead> <tr> <th>Total Claims</th> <th>Extra Claims</th> <th>Fee from Below</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>13</td> <td>-20** = 0</td> <td>9</td> <td>0.00</td> </tr> <tr> <td>1</td> <td>-3** = 0</td> <td>40</td> <td>0.00</td> </tr> <tr> <td>Multiple Dependent</td> <td></td> <td>0</td> <td>0.00</td> </tr> </tbody> </table>		Total Claims	Extra Claims	Fee from Below	Fee Paid	13	-20** = 0	9	0.00	1	-3** = 0	40	0.00	Multiple Dependent		0	0.00	1. BASIC FILING FEE <table border="1"> <thead> <tr> <th>Large Entity Fee Code</th> <th>Large Entity Fee (\$)</th> <th>Small Entity Fee Code</th> <th>Small Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>101</td><td>710</td><td>201</td><td>355</td><td>Utility filing fee</td><td>370.00</td></tr> <tr><td>106</td><td>320</td><td>206</td><td>160</td><td>Design filing fee</td><td></td></tr> <tr><td>107</td><td>490</td><td>207</td><td>245</td><td>Plant filing fee</td><td></td></tr> <tr><td>108</td><td>710</td><td>208</td><td>355</td><td>Reissue filing fee</td><td></td></tr> <tr><td>114</td><td>150</td><td>214</td><td>75</td><td>Provisional filing fee</td><td></td></tr> <tr><td colspan="5">SUBTOTAL (1)</td><td>(\$) 370.00</td></tr> </tbody> </table>		Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid	101	710	201	355	Utility filing fee	370.00	106	320	206	160	Design filing fee		107	490	207	245	Plant filing fee		108	710	208	355	Reissue filing fee		114	150	214	75	Provisional filing fee		SUBTOTAL (1)					(\$) 370.00																																																																																							
Total Claims	Extra Claims	Fee from Below	Fee Paid																																																																																																																																																	
13	-20** = 0	9	0.00																																																																																																																																																	
1	-3** = 0	40	0.00																																																																																																																																																	
Multiple Dependent		0	0.00																																																																																																																																																	
Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																															
101	710	201	355	Utility filing fee	370.00																																																																																																																																															
106	320	206	160	Design filing fee																																																																																																																																																
107	490	207	245	Plant filing fee																																																																																																																																																
108	710	208	355	Reissue filing fee																																																																																																																																																
114	150	214	75	Provisional filing fee																																																																																																																																																
SUBTOTAL (1)					(\$) 370.00																																																																																																																																															
<table border="1"> <thead> <tr> <th>Large Entity Fee Code</th> <th>Large Entity Fee (\$)</th> <th>Small Entity Fee Code</th> <th>Small Entity Fee (\$)</th> <th>Fee Description</th> </tr> </thead> <tbody> <tr><td>103</td><td>18</td><td>203</td><td>9</td><td>Claims in excess of 20</td></tr> <tr><td>102</td><td>80</td><td>202</td><td>40</td><td>Independent claims in excess of 3</td></tr> <tr><td>104</td><td>270</td><td>204</td><td>135</td><td>Multiple dependent claim, if not paid</td></tr> <tr><td>109</td><td>80</td><td>209</td><td>40</td><td>**Reissue independent claims over original patent</td></tr> <tr><td>110</td><td>18</td><td>210</td><td>9</td><td>**Reissue claims in excess of 20 and over original patent</td></tr> <tr><td colspan="5">SUBTOTAL (2)</td><td>(\$) 0</td></tr> </tbody> </table>		Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	103	18	203	9	Claims in excess of 20	102	80	202	40	Independent claims in excess of 3	104	270	204	135	Multiple dependent claim, if not paid	109	80	209	40	**Reissue independent claims over original patent	110	18	210	9	**Reissue claims in excess of 20 and over original patent	SUBTOTAL (2)					(\$) 0	Other fee (specify) _____ *Reduced by Basic Filing Fee Paid																																																																																																														
Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description																																																																																																																																																
103	18	203	9	Claims in excess of 20																																																																																																																																																
102	80	202	40	Independent claims in excess of 3																																																																																																																																																
104	270	204	135	Multiple dependent claim, if not paid																																																																																																																																																
109	80	209	40	**Reissue independent claims over original patent																																																																																																																																																
110	18	210	9	**Reissue claims in excess of 20 and over original patent																																																																																																																																																
SUBTOTAL (2)					(\$) 0																																																																																																																																															
SUBTOTAL (3)		(\$) 0.00																																																																																																																																																		

SUBMITTED BY		Complete (if applicable)	
Name (Print/Type)	Steven J. Hultquist	Registration No. (Attorney/Agent)	28021
Signature		Telephone	(919) 419-9350
		Date	January 14, 2002

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant commissioner for Patents, Washington, DC 20231.